App No.: Not Yet Assigned          Docket No.: 529452002800
Inventor: David W. MORRIS and Marc S. MALANDRO
Title: NOVEL THERAPEUTIC TARGETS IN CANCER

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**Figure 1**

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## Figure 2.

**Average Ct**

| Sample | Housekeeper | Target |
|---|---|---|
| Human Genomic_clontech | 23.40229767 | 24.718297 |
| Malignant mammary adenocarcinoma pleural effusion | 24.57459367 | 25.62105175 |
| Mammary ductal carcinoma plueral effusion | 23.935565 | 25.064095 |
| Mammary ductal carcinoma_human _45537 | 24.06496275 | 24.8361145 |
| Mammary ductal carcinoma_human_45523 | 24.286542 | 25.59857167 |
| Mammary ductal carcinoma_human_45535 | 24.271219 | 25.62112767 |
| transformed primary embryonal kidney_human | 24.136573 | 25.86051867 |

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# Figure 3.

**Target Normalized with Housekeeper**

**Sample**

| | $\Delta$Ct | Stdev ($\Delta$Ct) |
|---|---|---|
| Human Genomic_clontech (Calibrator) | 1.69 | 0.22 |
| Malignant mammary adenocarcinoma pleural effusion | -1.85 | 0.14 |
| Mammary ductal carcinoma plueral effusion | 1.12 | 0.24 |
| Mammary ductal carcinoma_human _45537 | 1.02 | 0.16 |
| Mammary ductal carcinoma_human_45523 | 0.49 | 0.26 |
| Mammary ductal carcinoma_human_45535 | 1.03 | 0.18 |
| transformed primary embryonal kidney_human | 1.81 | 0.15 |

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# Figure 4.

**Target Normalized with Housekeeper**

| Sample | $\Delta$Ct | Stdev ($\Delta$Ct) | $\Delta\Delta$Ct | Stdev ($\Delta\Delta$Ct) | Comparative expression level |
|---|---|---|---|---|---|
| Human Genomic_clontech (**Calibrator**) | 1.69 | 0.22 | 0 | 0.22 | 1 |
| Malignant mammary adenocarcinoma pleural effusion | -1.85 | 0.14 | -3.54 | 0.14 | 11.60 |
| Mammary ductal carcinoma plueral effusion | 1.12 | 0.24 | -0.57 | 0.24 | 1.48 |
| Mammary ductal carcinoma_human _45537 | 1.02 | 0.16 | -0.67 | 0.16 | 1.59 |
| Mammary ductal carcinoma_human_45523 | 0.49 | 0.26 | -1.20 | 0.26 | 2.30 |
| Mammary ductal carcinoma_human_45535 | 1.03 | 0.18 | -0.66 | 0.18 | 1.58 |
| transformed primary embryonal kidney_human | 1.81 | 0.15 | 0.12 | 0.15 | 0.92 |